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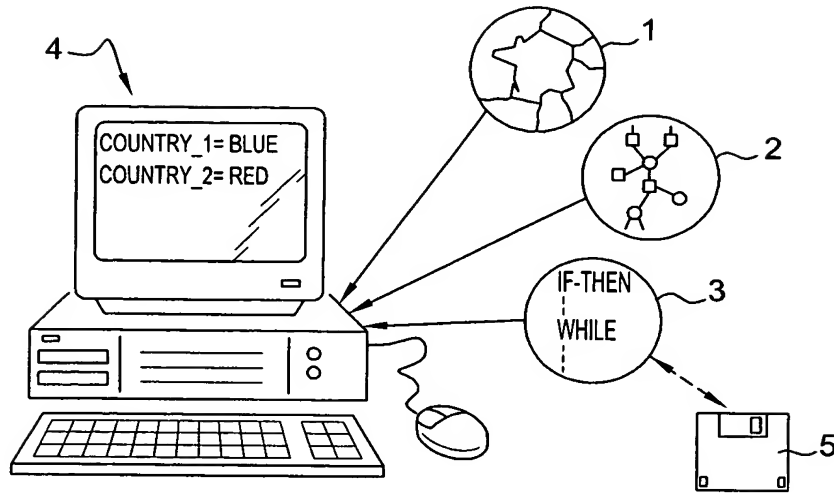


Fig. 1

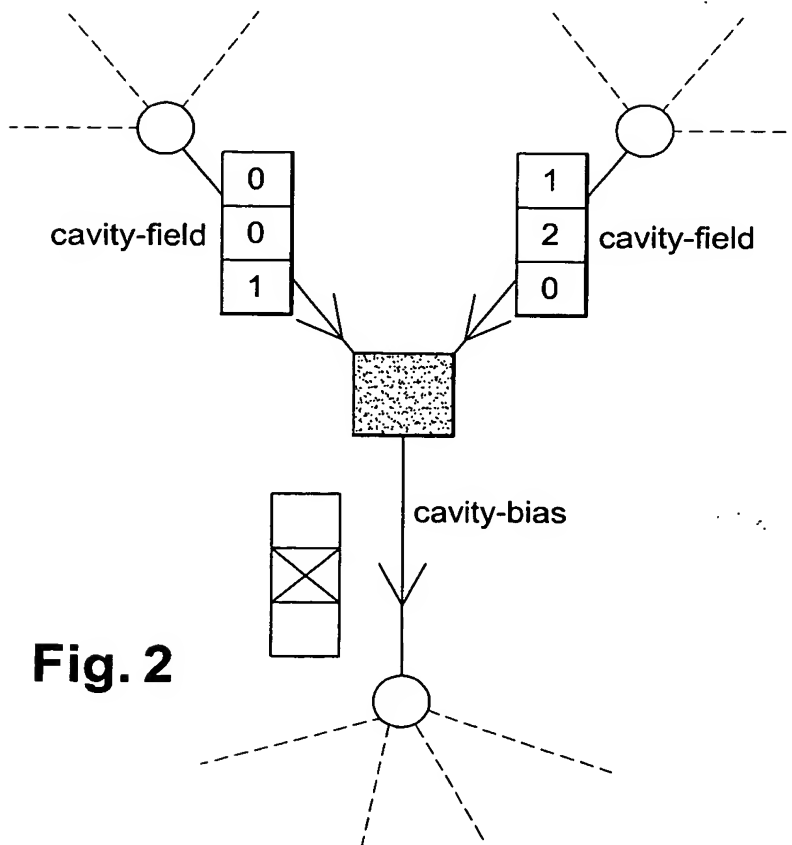


Fig. 2

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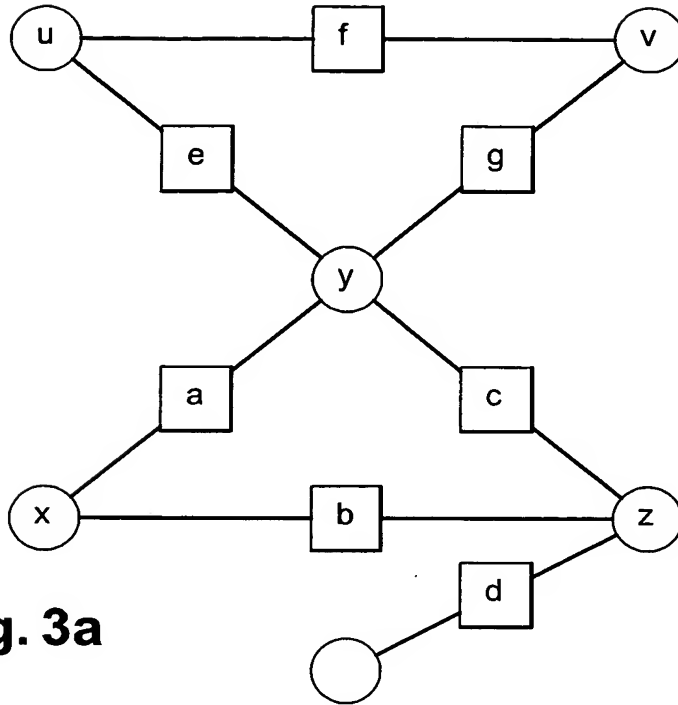


Fig. 3a

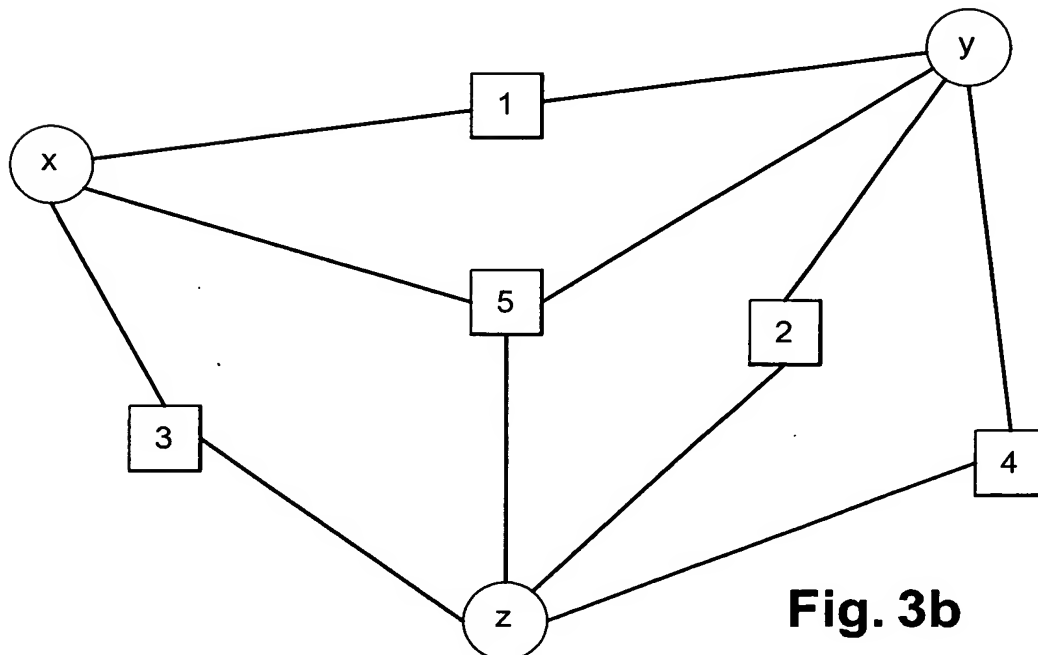
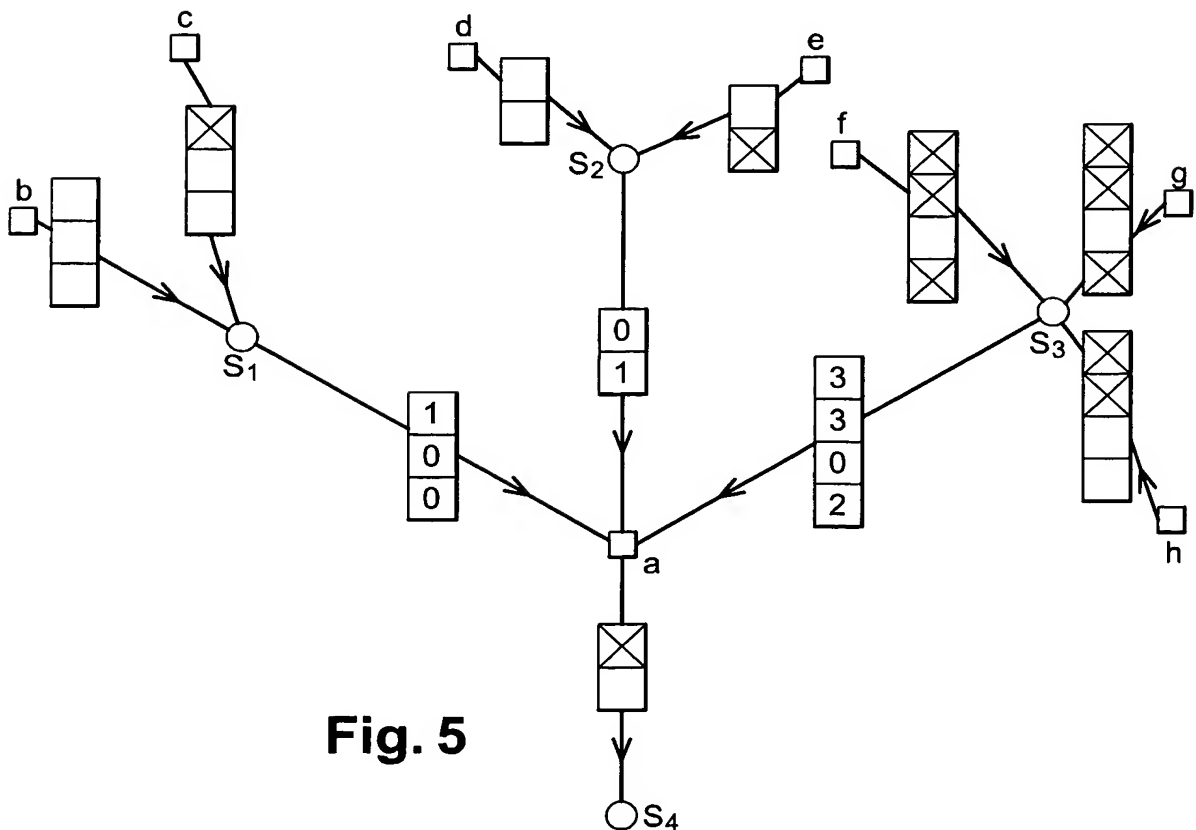
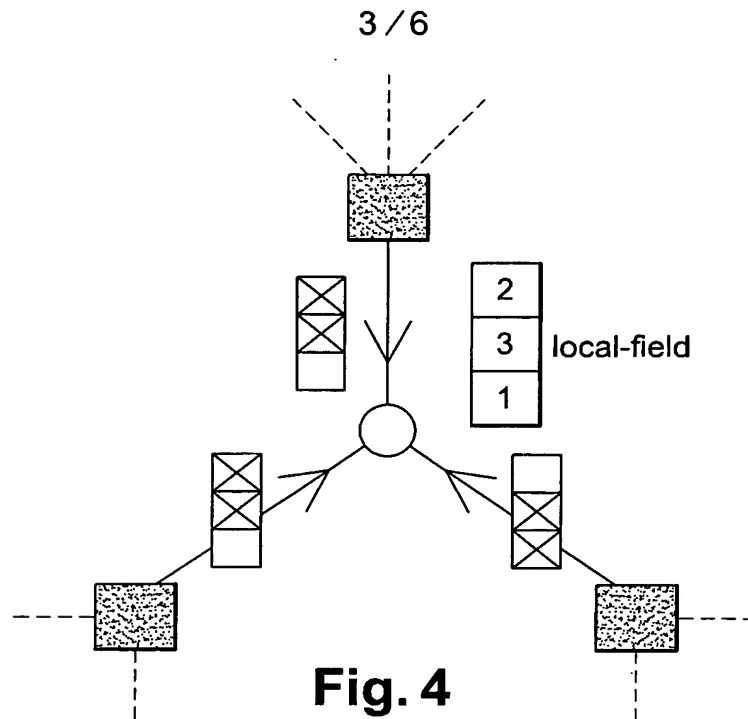


Fig. 3b



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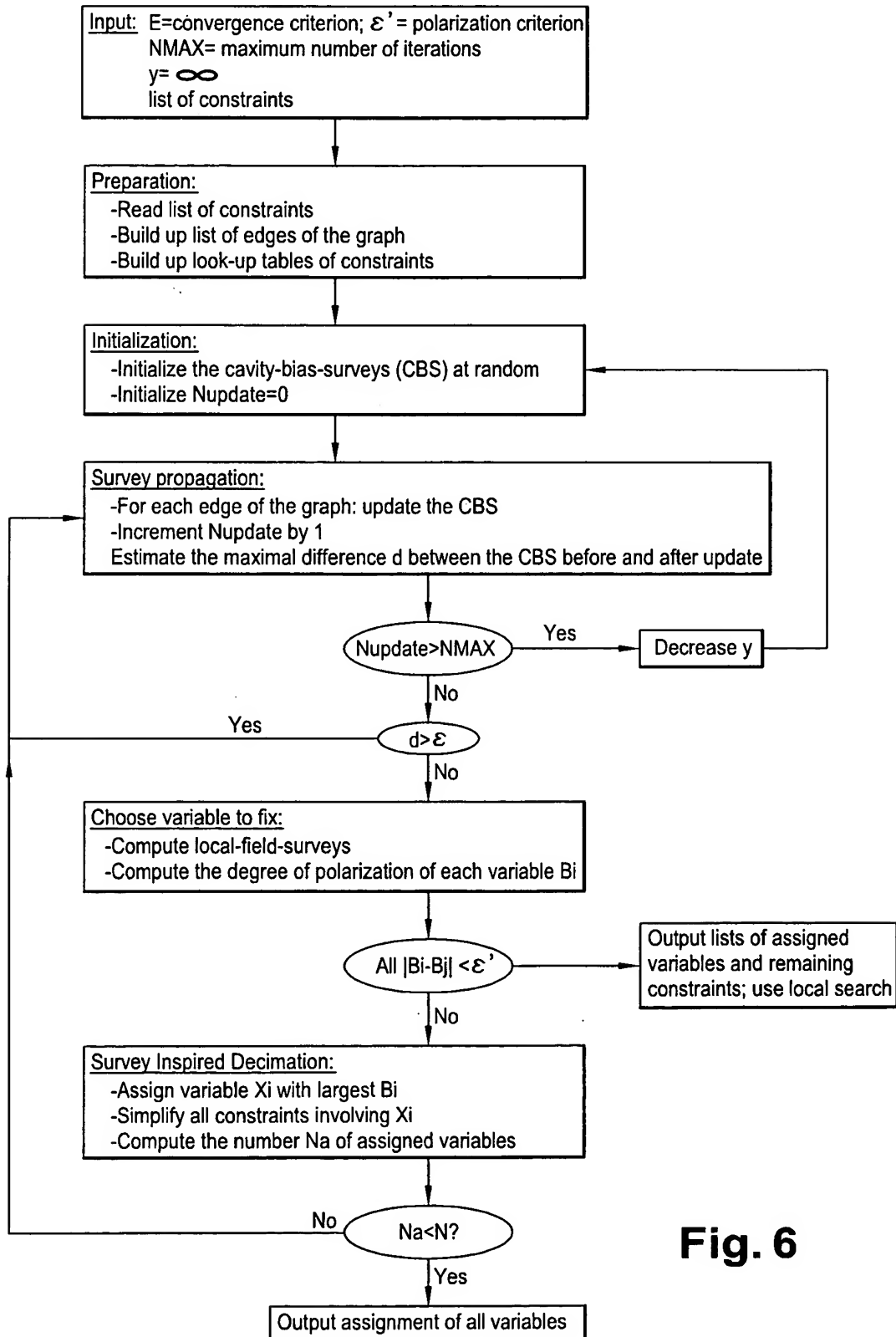
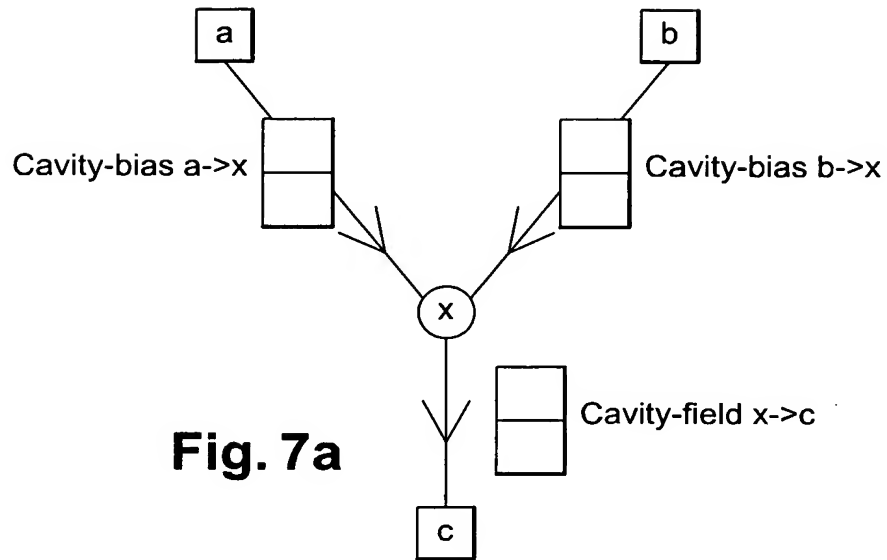


Fig. 6

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Cavity-bias	Cavity-bias-survey a->x	Cavity-bias-survey b->x
	p=0	p=0
	p=.6	p=0
	p=0	p=.7
	p=.4	p=.3

Fig. 7b

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Cavity-field-survey x->c:

$\begin{array}{ c } \hline 0 \\ \hline 0 \\ \hline \end{array}$ p=0	$\begin{array}{ c } \hline 2 \\ \hline 0 \\ \hline \end{array}$ p=0	$\begin{array}{ c } \hline 2 \\ \hline 1 \\ \hline \end{array}$ p=.6*.3 ->C*.6*.3*f[1]
$\begin{array}{ c } \hline 1 \\ \hline 0 \\ \hline \end{array}$ p=0	$\begin{array}{ c } \hline 0 \\ \hline 2 \\ \hline \end{array}$ p=0	$\begin{array}{ c } \hline 1 \\ \hline 2 \\ \hline \end{array}$ p=.4*.7 ->C*.4*.7*f[1]
$\begin{array}{ c } \hline 0 \\ \hline 1 \\ \hline \end{array}$ p=0	$\begin{array}{ c } \hline 1 \\ \hline 1 \\ \hline \end{array}$ p=.6*.7 ->C*.6*.7*f[1]	$\begin{array}{ c } \hline 2 \\ \hline 2 \\ \hline \end{array}$ p=.4*.3 ->C*.4*.3*f[2]

$$C = \frac{1}{(.6*.7*f[1] + .7*.3*f[1] + .4*.7*f[1] + .4*.3*f[2])}$$

Fig. 7c